

## **ABSTRACT OF THE DISCLOSURE**

The present invention deals with a system, method and control unit for controlling the periodic reporting of measurements in a communication system from an access point (103) to a control unit (105) over a control interface (104). The measurements are used by algorithms in the control unit (105) for controlling resource allocation at the access point (103). The reporting of measurements are controlled by dynamically determining a frequency for periodical reporting of each periodic measurement report from the access point (103) to the control unit (105) based on information on a number of links (102) currently handled by the access point (103) and such that a total aggregate frequency of periodical reporting of the number of periodic measurement reports does not exceed the limited total capacity of the control interface (104).